
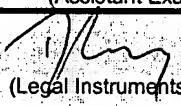
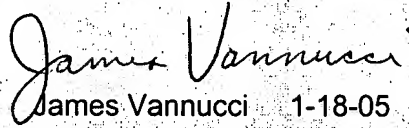


|  |                                      |                                      |  |
|--|--------------------------------------|--------------------------------------|--|
| <b>Issue Classification</b><br> | <b>Application No.</b><br>10/083,689 | <b>Applicant(s)</b><br>BARNES ET AL. |  |
|  | <b>Examiner</b><br>Jim Vannucci      | <b>Art Unit</b><br>2828              |  |

| ISSUE CLASSIFICATION  |          |  |  |   |                                   |  |  |                                 |                         |  |
|---|----------|--|--|---|-----------------------------------|--|--|---------------------------------|-------------------------|--|
| ORIGINAL  |          |  |  | CROSS REFERENCE(S)  |                                   |  |  |                                 |                         |  |
| CLASS   | SUBCLASS |  |  | CLASS   | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |                                 |                         |  |
| 343   | 893      |  |  | 343   | 844                               |  |  |                                 |                         |  |
| INTERNATIONAL CLASSIFICATION  |          |  |  |   |                                   |  |  |                                 |                         |  |
|   |          |  |  |   |                                   |  |  |                                 |                         |  |
|   |          |  |  |   |                                   |  |  |                                 |                         |  |
|   |          |  |  |   |                                   |  |  |                                 |                         |  |
|   |          |  |  |   |                                   |  |  |                                 |                         |  |
|   |          |  |  |   |                                   |  |  |                                 |                         |  |
| (Assistant Examiner) (Date)<br> 1/24/05<br>(Legal Instruments Examiner) (Date) |          |  |  | <br>James Vannucci 1-18-05<br>(Primary Examiner) (Date) |                                   |  |  | <b>Total Claims Allowed: 42</b> |                         |  |
|   |          |  |  |   |                                   |  |  | O.G.<br>Print Claim(s)<br>1     | O.G.<br>Print Fig.<br>7 |  |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |       |          | <input type="checkbox"/> CPA |          |       |          | <input type="checkbox"/> T.D. |          |       |          | <input type="checkbox"/> R.1.47 |          |  |  |
|--|----------|-------|----------|------------------------------|----------|-------|----------|-------------------------------|----------|-------|----------|---------------------------------|----------|--|--|
| Final  | Original | Final | Original | Final                        | Original | Final | Original | Final                         | Original | Final | Original | Final                           | Original |  |  |
|  | 1        | 6     | 31       | 32                           | 61       |       | 91       |                               | 121      |       | 151      |                                 | 181      |  |  |
|  | 2        |       | 32       | 33                           | 62       |       | 92       |                               | 122      |       | 152      |                                 | 182      |  |  |
|  | 3        |       | 33       | 34                           | 63       |       | 93       |                               | 123      |       | 153      |                                 | 183      |  |  |
|  | 4        |       | 34       | 35                           | 64       |       | 94       |                               | 124      |       | 154      |                                 | 184      |  |  |
|  | 5        |       | 35       | 36                           | 65       |       | 95       |                               | 125      |       | 155      |                                 | 185      |  |  |
|  | 6        |       | 36       | 37                           | 66       |       | 96       |                               | 126      |       | 156      |                                 | 186      |  |  |
| 1  | 7        | 13    | 37       | 38                           | 67       |       | 97       |                               | 127      |       | 157      |                                 | 187      |  |  |
|  | 8        | 14    | 38       | 39                           | 68       |       | 98       |                               | 128      |       | 158      |                                 | 188      |  |  |
|  | 9        | 15    | 39       | 40                           | 69       |       | 99       |                               | 129      |       | 159      |                                 | 189      |  |  |
|  | 10       | 7     | 40       | 41                           | 70       |       | 100      |                               | 130      |       | 160      |                                 | 190      |  |  |
|  | 11       | 16    | 41       | 42                           | 71       |       | 101      |                               | 131      |       | 161      |                                 | 191      |  |  |
|  | 12       | 17    | 42       |                              | 72       |       | 102      |                               | 132      |       | 162      |                                 | 192      |  |  |
|  | 13       | 18    | 43       |                              | 73       |       | 103      |                               | 133      |       | 163      |                                 | 193      |  |  |
|  | 14       | 19    | 44       |                              | 74       |       | 104      |                               | 134      |       | 164      |                                 | 194      |  |  |
|  | 15       | 20    | 45       |                              | 75       |       | 105      |                               | 135      |       | 165      |                                 | 195      |  |  |
|  | 16       | 21    | 46       |                              | 76       |       | 106      |                               | 136      |       | 166      |                                 | 196      |  |  |
| 8  | 17       | 22    | 47       |                              | 77       |       | 107      |                               | 137      |       | 167      |                                 | 197      |  |  |
| 9  | 18       | 23    | 48       |                              | 78       |       | 108      |                               | 138      |       | 168      |                                 | 198      |  |  |
| 10   | 19       | 24    | 49       |                              | 79       |       | 109      |                               | 139      |       | 169      |                                 | 199      |  |  |
|  | 20       | 25    | 50       |                              | 80       |       | 110      |                               | 140      |       | 170      |                                 | 200      |  |  |
|  | 21       | 26    | 51       |                              | 81       |       | 111      |                               | 141      |       | 171      |                                 | 201      |  |  |
|  | 22       | 27    | 52       |                              | 82       |       | 112      |                               | 142      |       | 172      |                                 | 202      |  |  |
|  | 23       | 28    | 53       |                              | 83       |       | 113      |                               | 143      |       | 173      |                                 | 203      |  |  |
|  | 24       |       | 54       |                              | 84       |       | 114      |                               | 144      |       | 174      |                                 | 204      |  |  |
| 11   | 25       |       | 55       |                              | 85       |       | 115      |                               | 145      |       | 175      |                                 | 205      |  |  |
| 12   | 26       |       | 56       |                              | 86       |       | 116      |                               | 146      |       | 176      |                                 | 206      |  |  |
| 2  | 27       |       | 57       |                              | 87       |       | 117      |                               | 147      |       | 177      |                                 | 207      |  |  |
| 3  | 28       | 29    | 58       |                              | 88       |       | 118      |                               | 148      |       | 178      |                                 | 208      |  |  |
| 4  | 29       | 30    | 59       |                              | 89       |       | 119      |                               | 149      |       | 179      |                                 | 209      |  |  |
| 5  | 30       | 31    | 60       |                              | 90       |       | 120      |                               | 150      |       | 180      |                                 | 210      |  |  |